

He and other Gasses

The diagram illustrates a circular particle accelerator. At the center are two dees, labeled B1 and B2, with a central point marked with a cross and a dot. Two radii, R1 and R2, are shown extending from the center to the dees. A curved arrow on the left indicates a counter-clockwise rotation. A series of electrodes, labeled 21, 23, 17, 19, 15, and 13, are arranged around the perimeter. A dashed line represents the path of a particle, starting from the center and spiraling outwards. Other labels include 11, 25, 31, 29, 37, 39, 5, 41, and 2.

FIG. 2

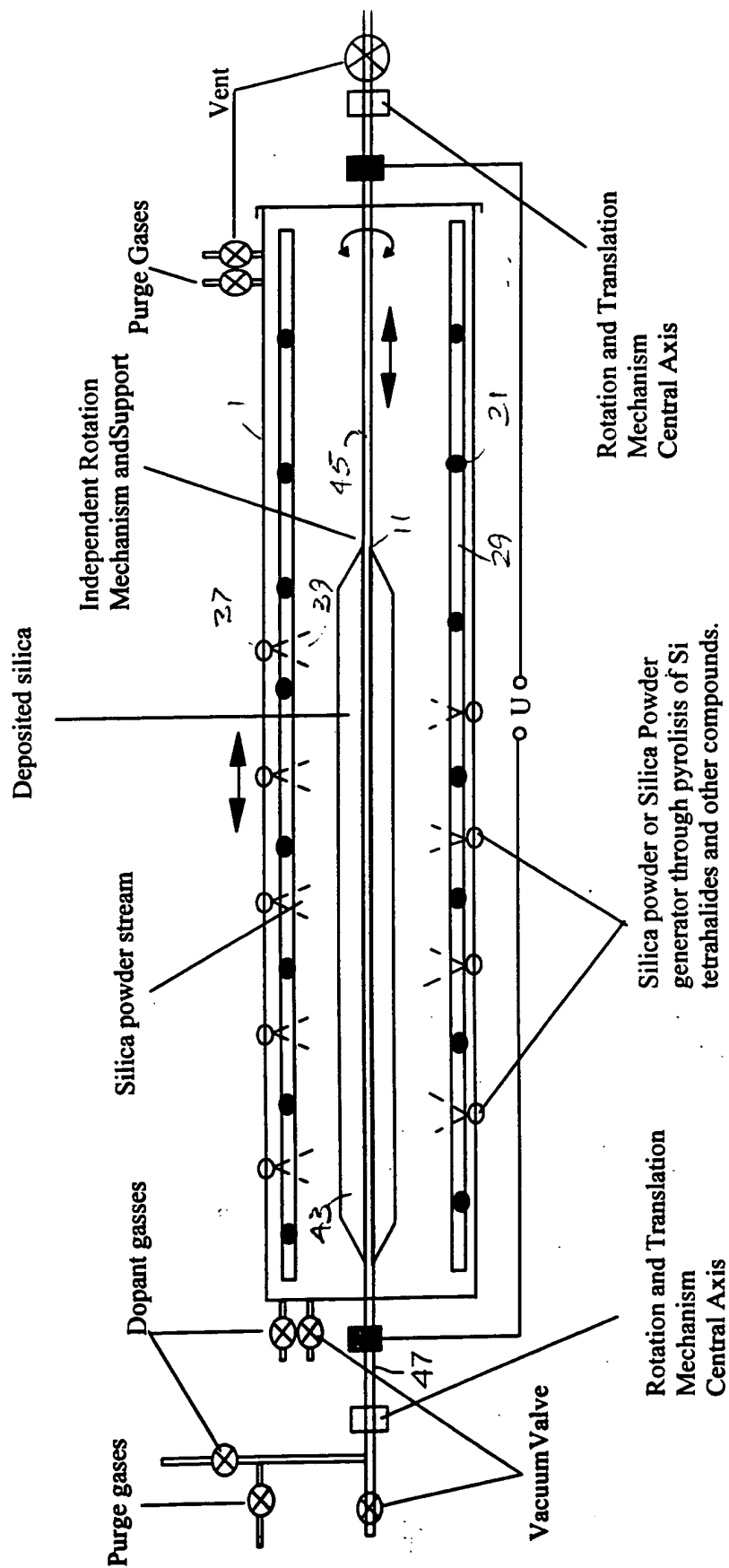


FIG. 3

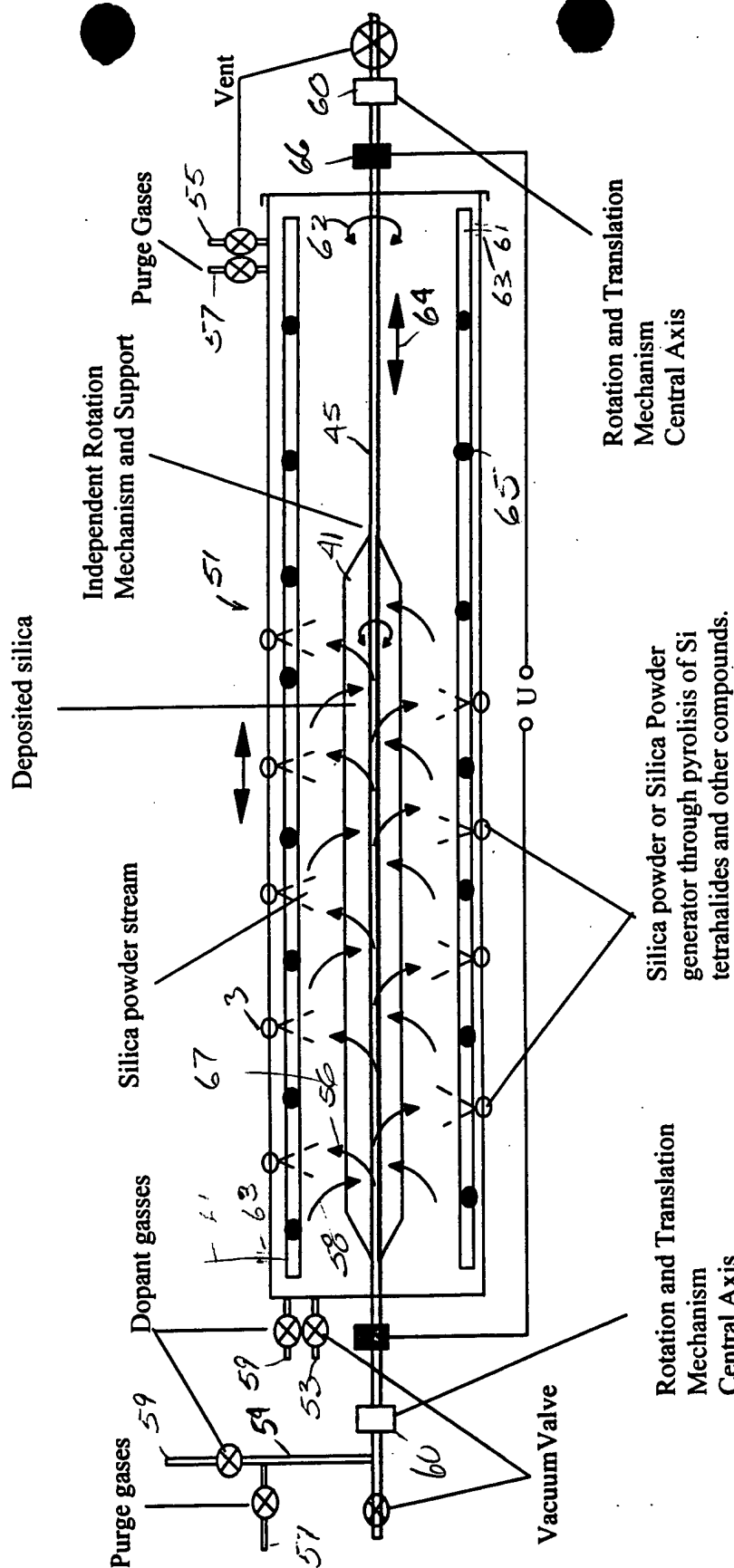


FIG. 4

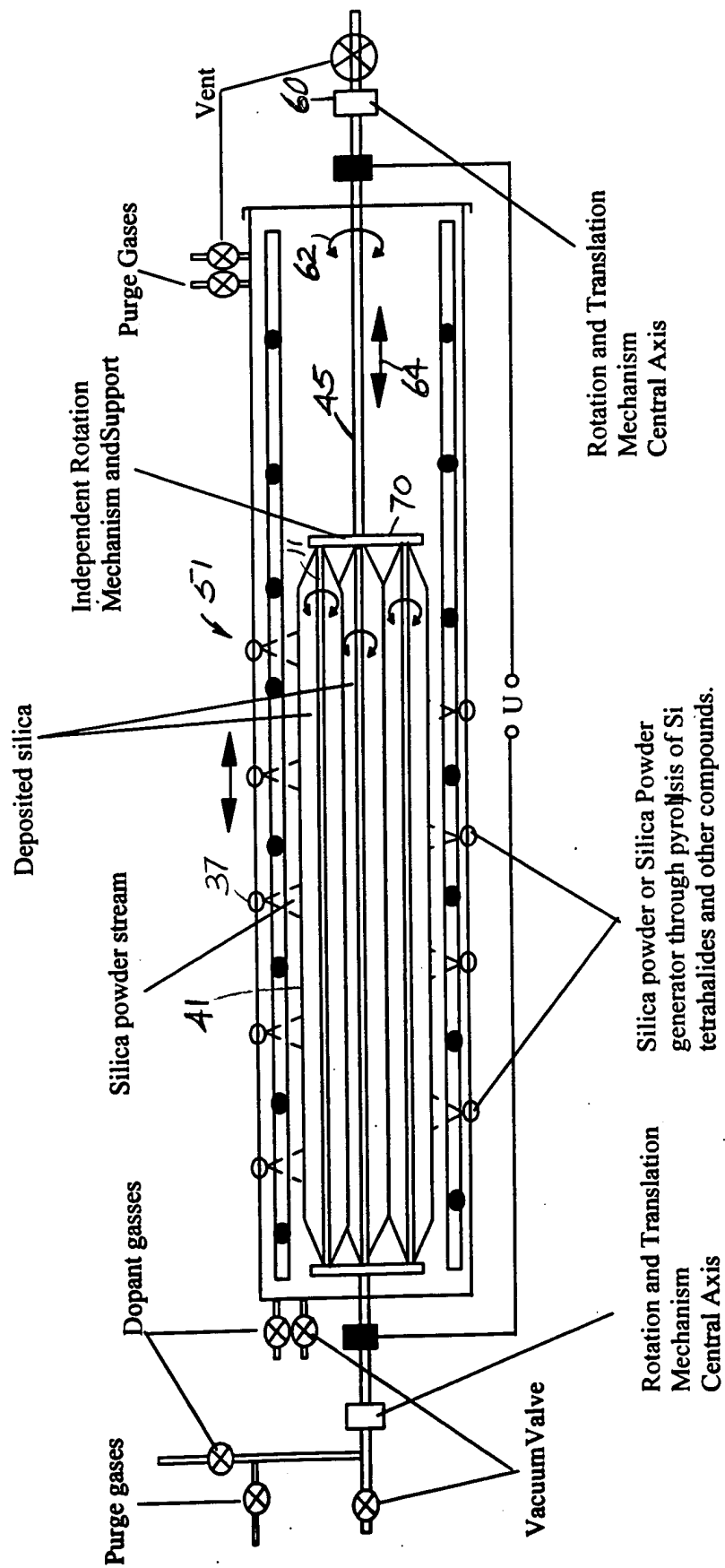


FIG. 5

Vitrified silica

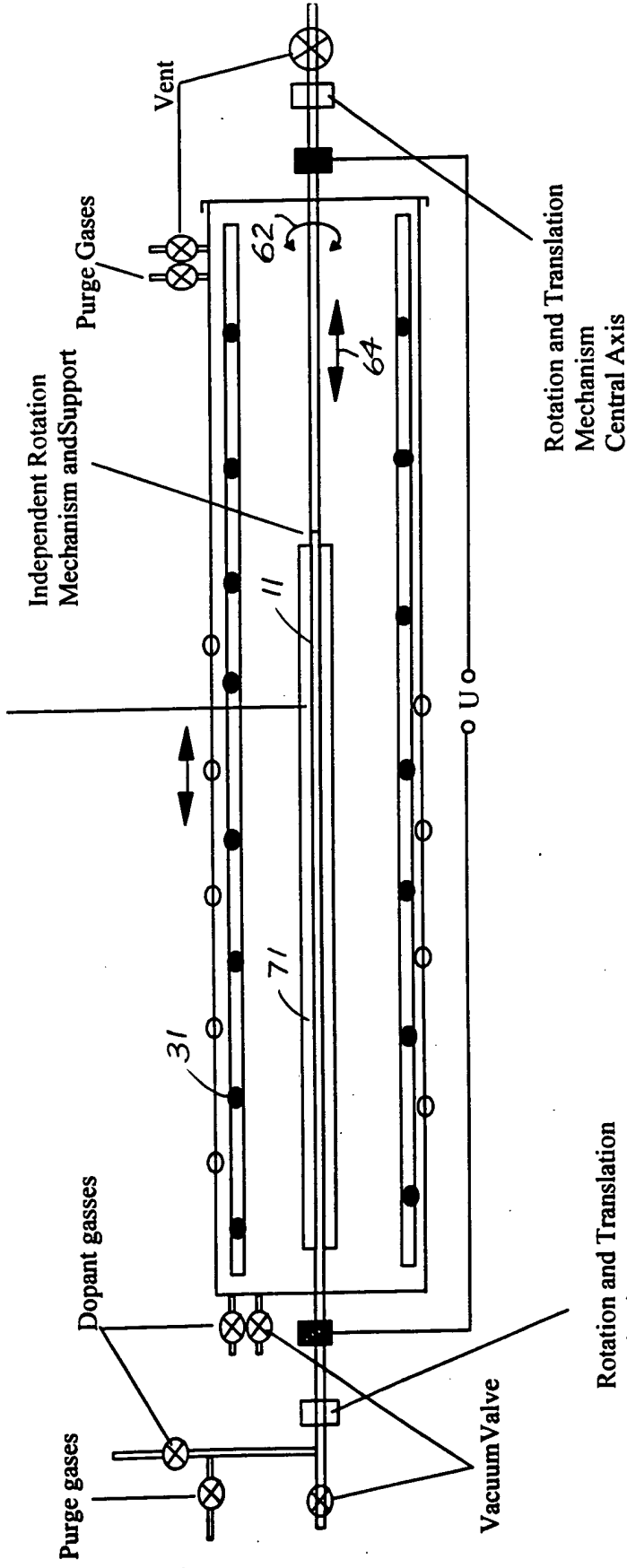


FIG. 6

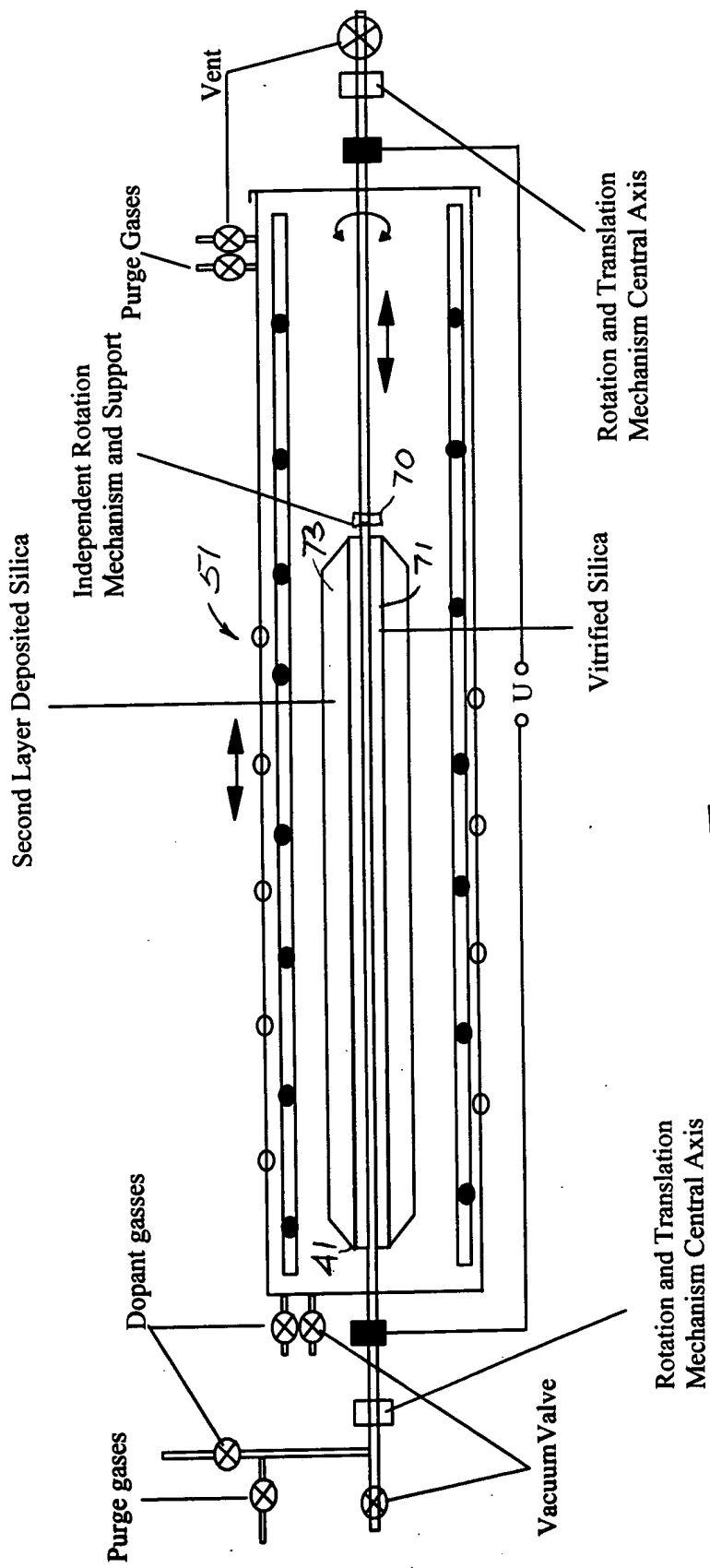


FIG. 7

Cladding Layer Silica Deposit
(Doped or Undoped)

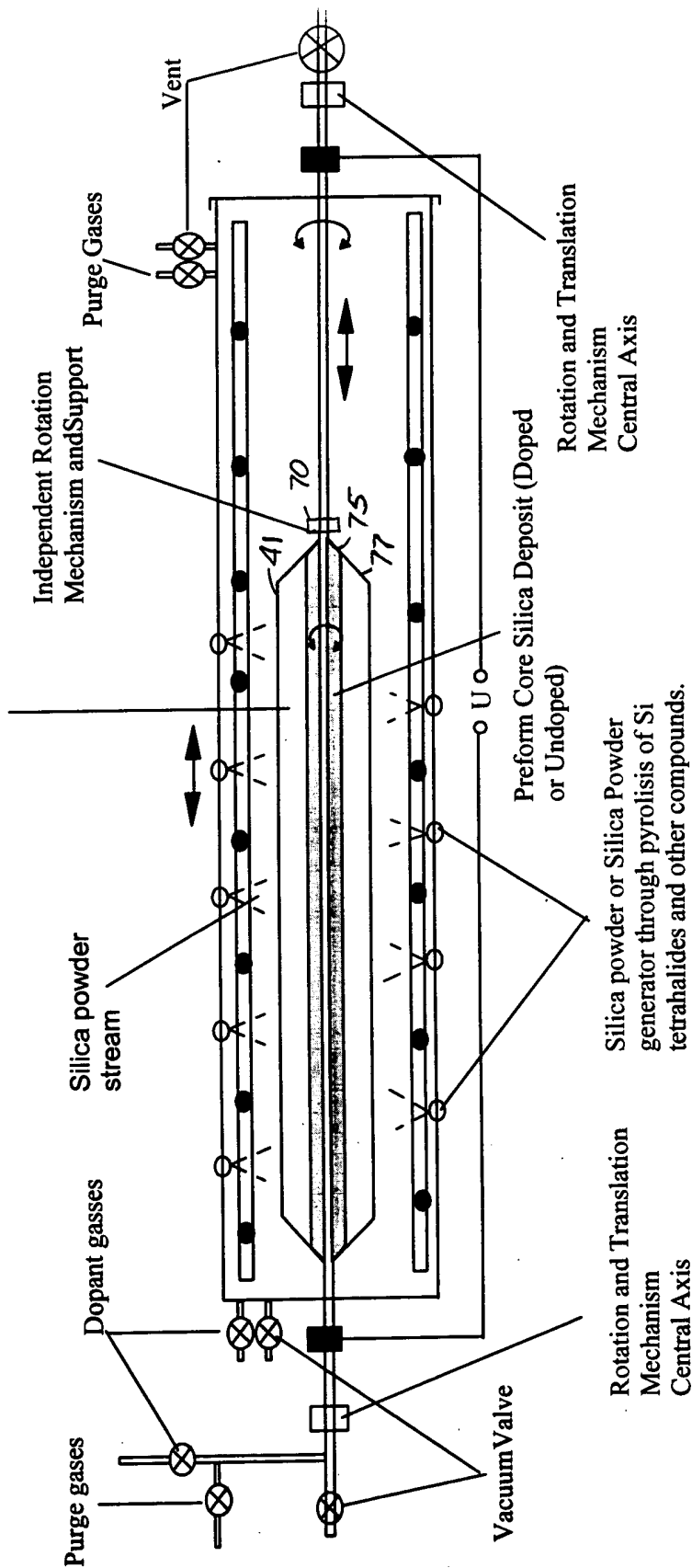


FIG. 8

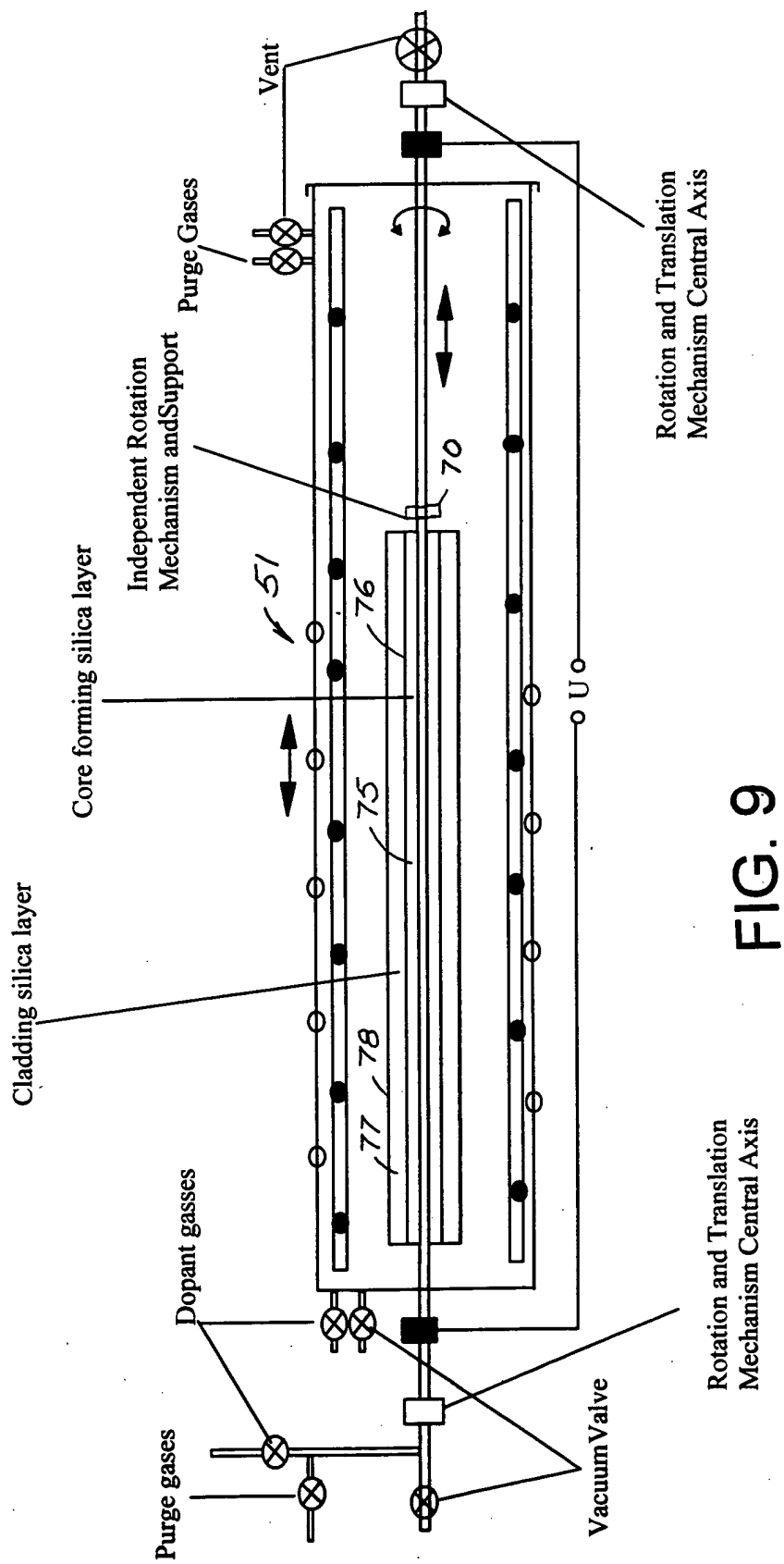
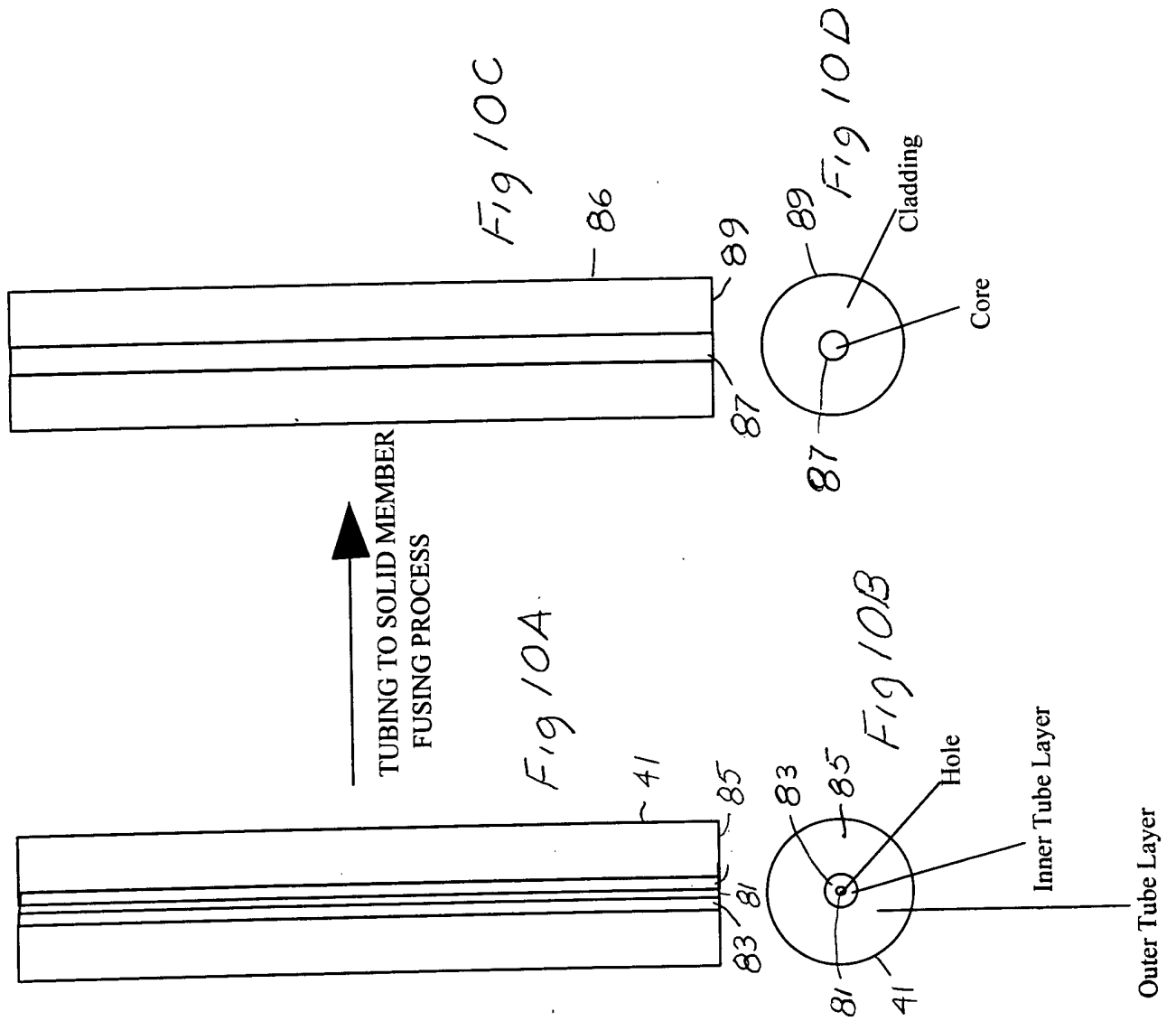


FIG. 9



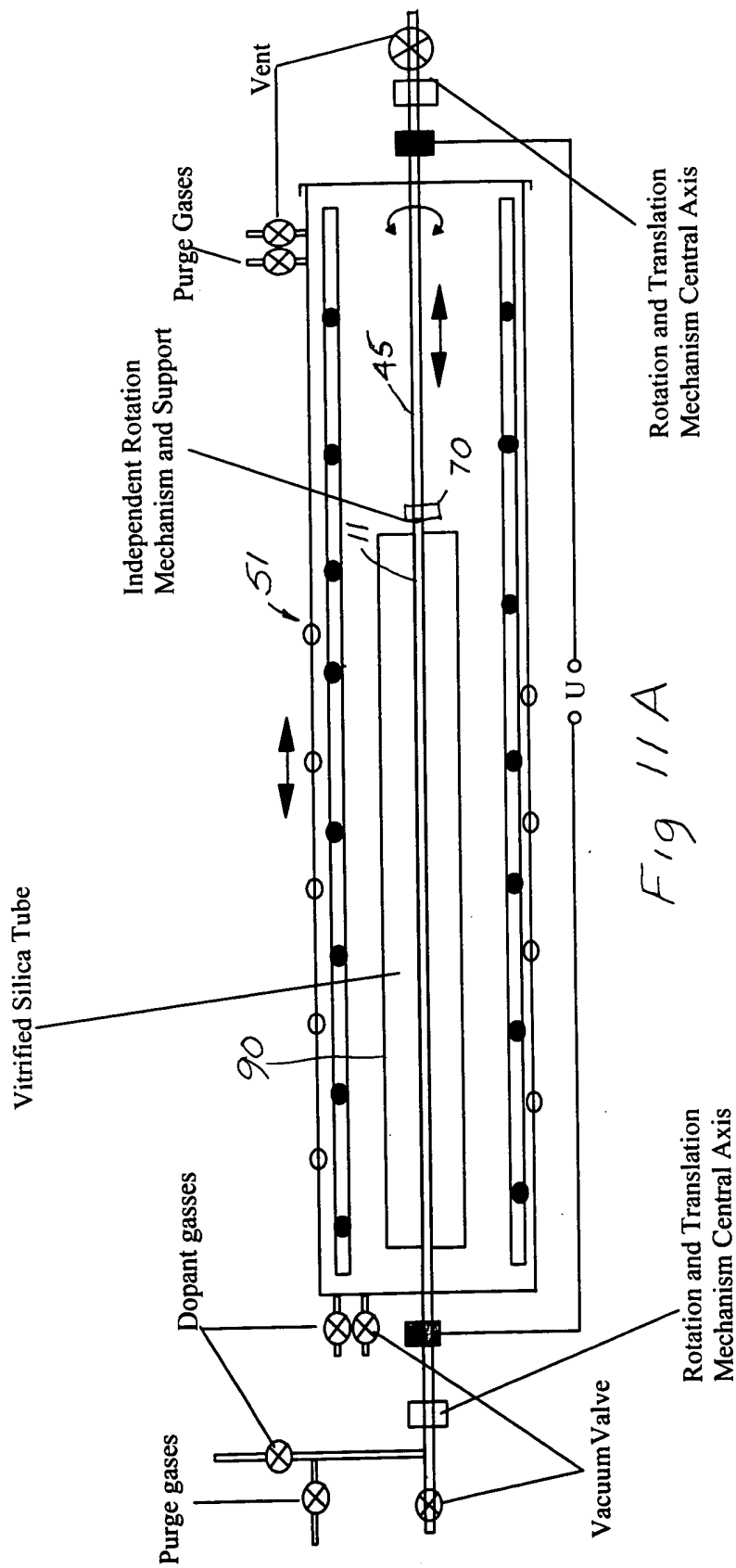


Fig 11A

90

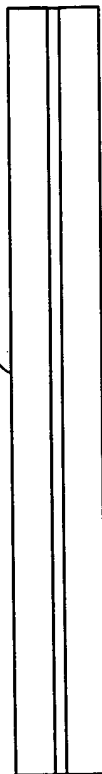


Fig 11B

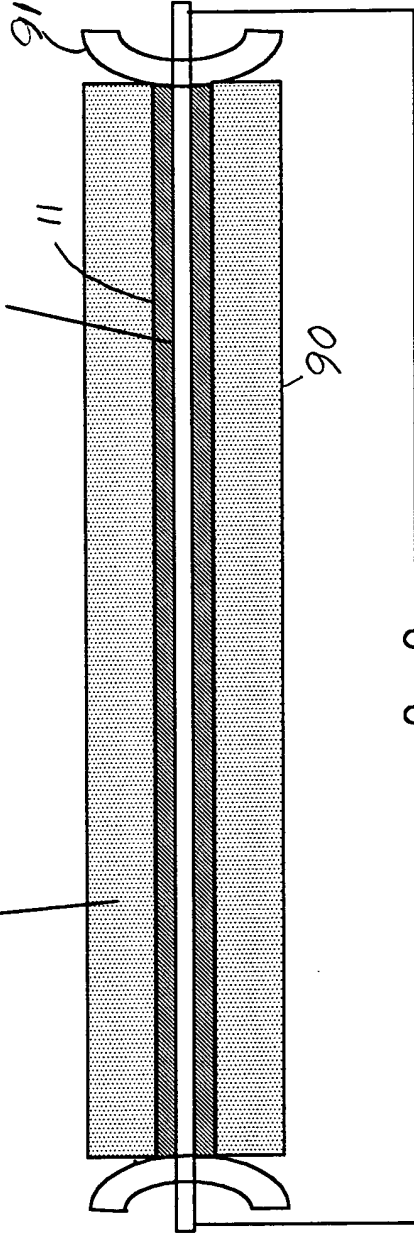
Vitrification of a doped or undoped fused silica tube and tube member produced

FIG. 12A

Vitrified Silica

Heated Substrate

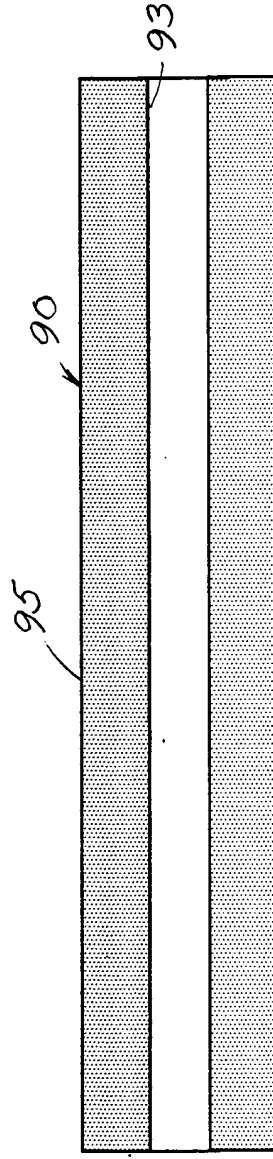
a)



Substrate heating power supply

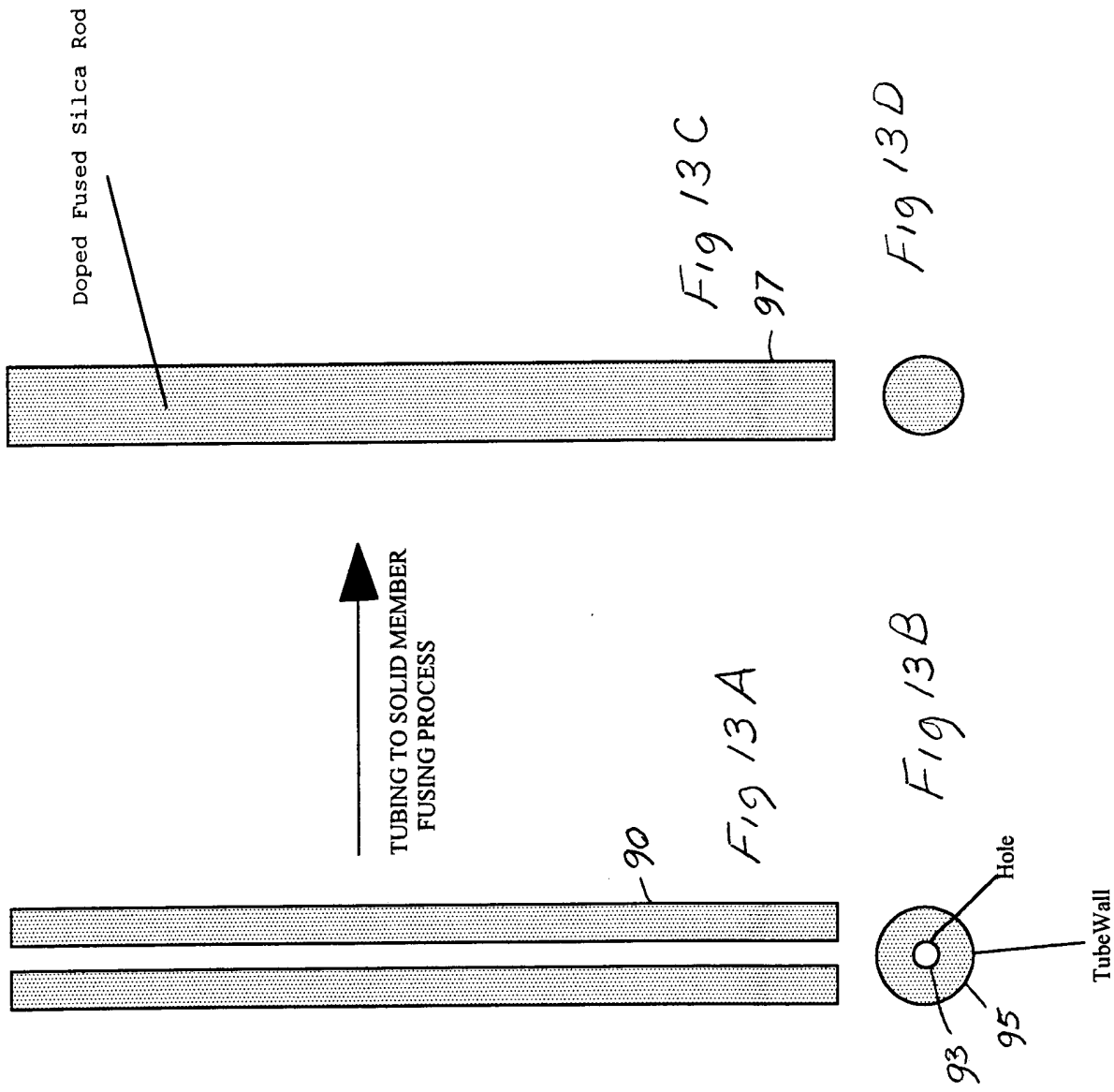
Fig 12 A

b)

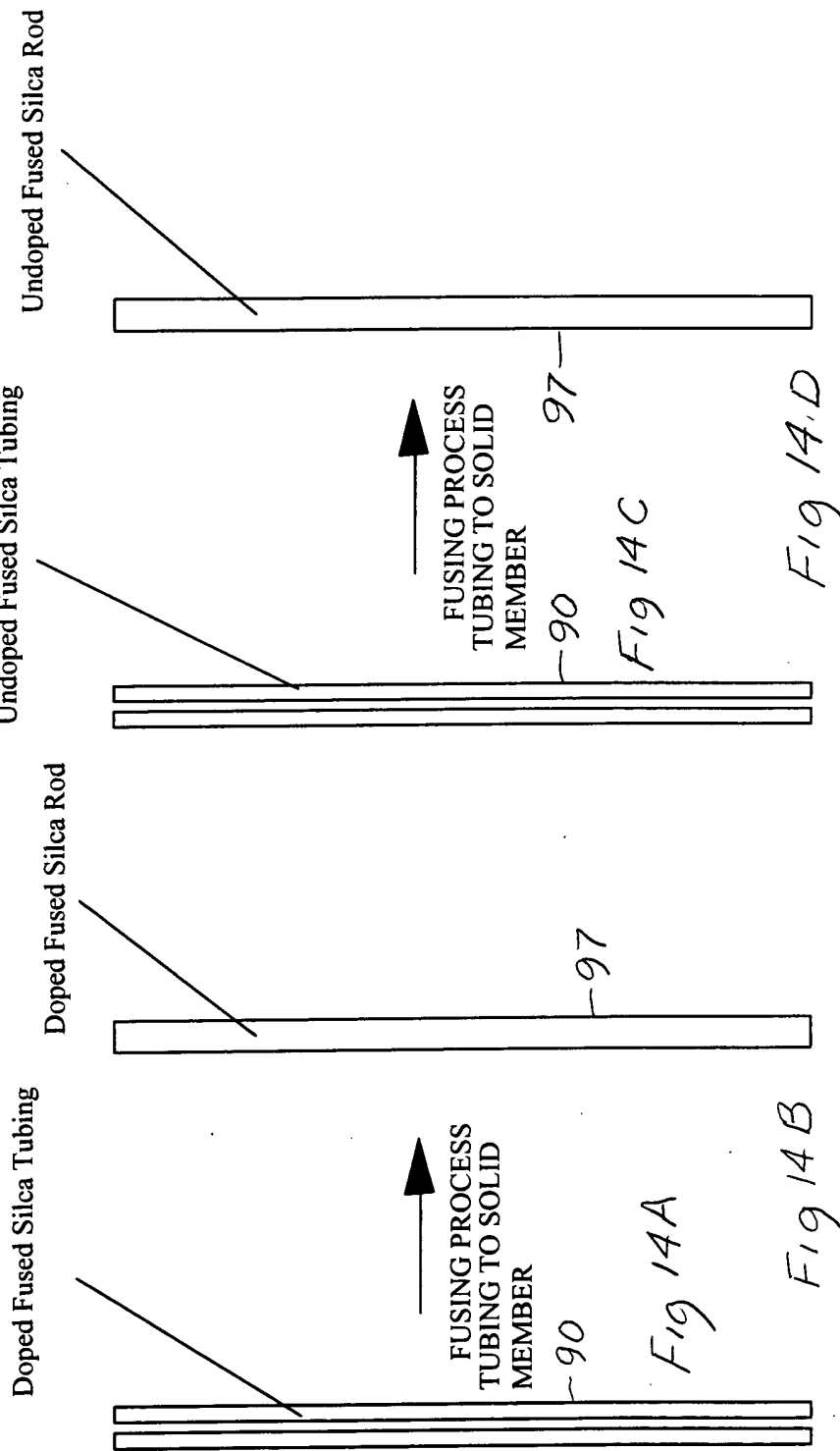


Silica Tube Member

Fig 12 B



Fiber Optic Preform Core (Doped or Undoped) Rod Fabrication



Fiber Optic Preform Core (Doped or Undoped) Rod Fabrication

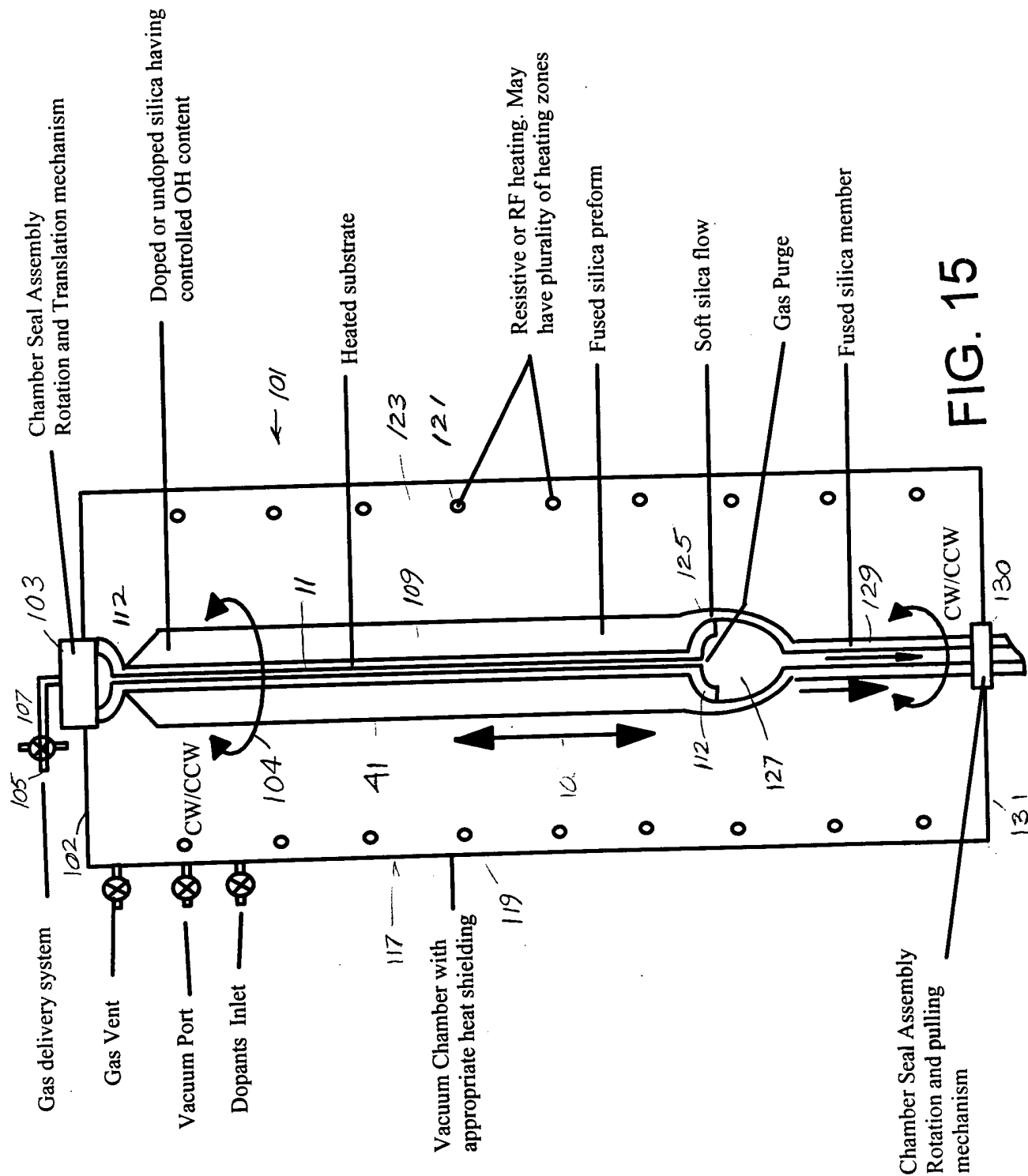


FIG. 15

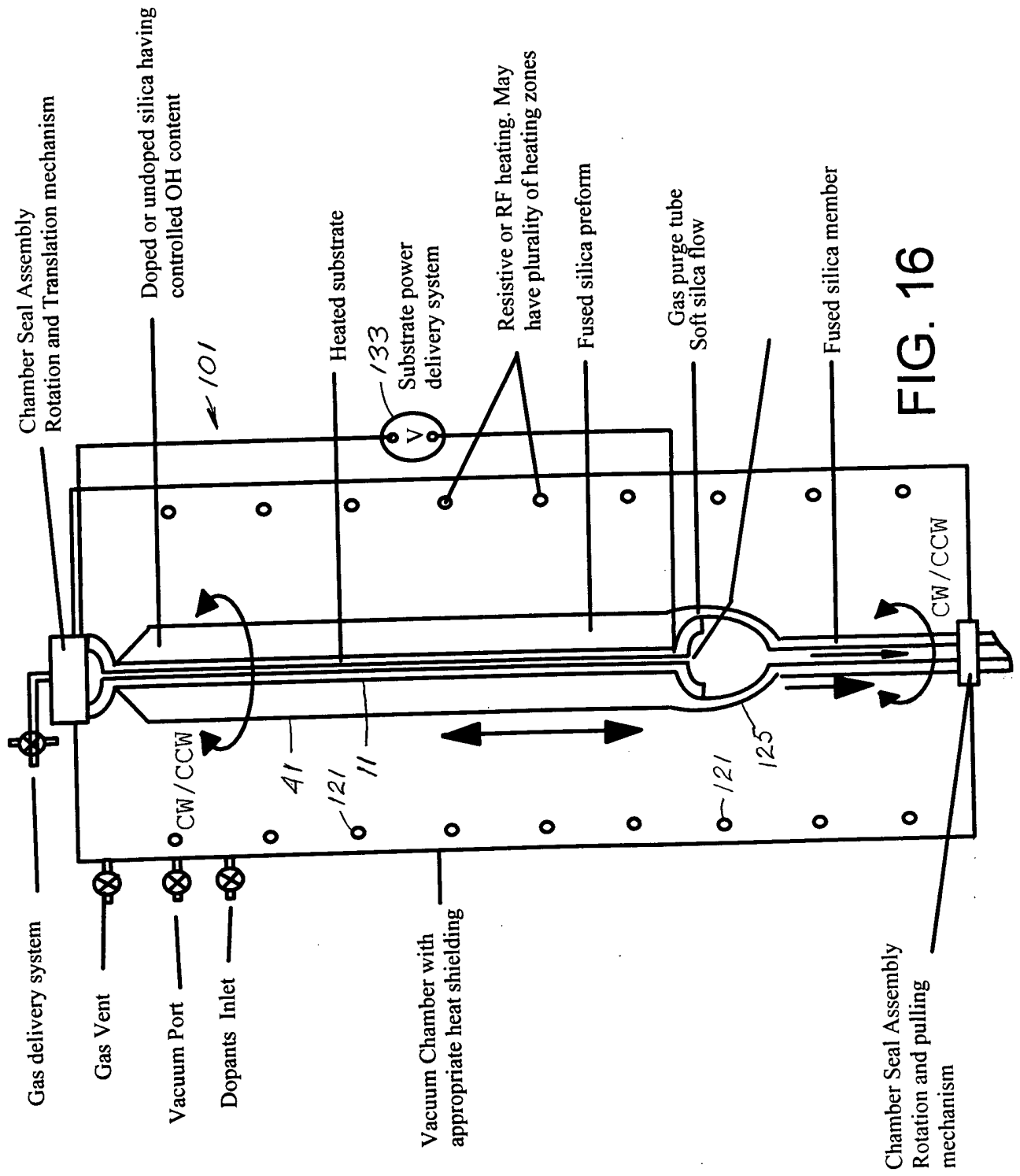
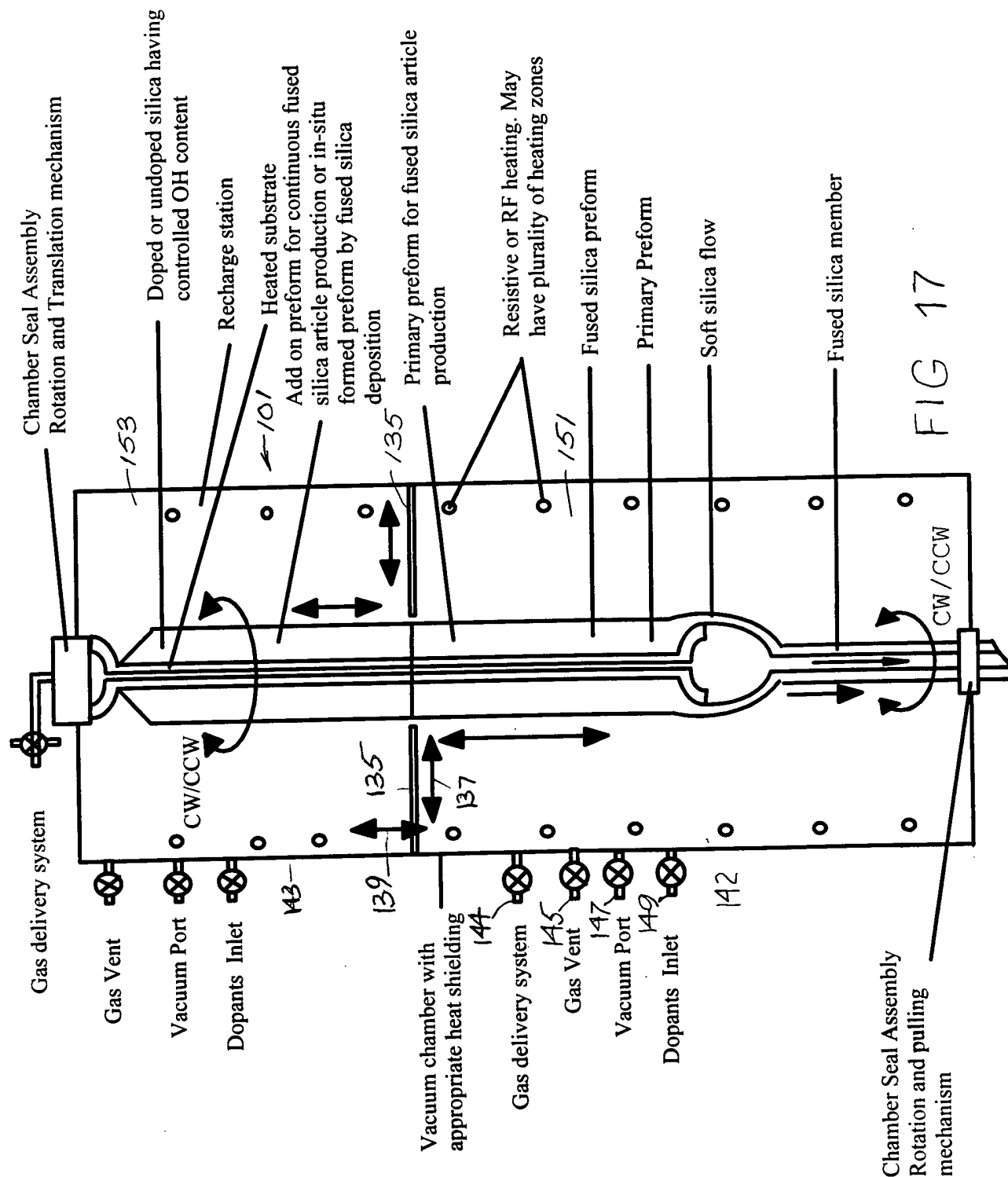


FIG. 16



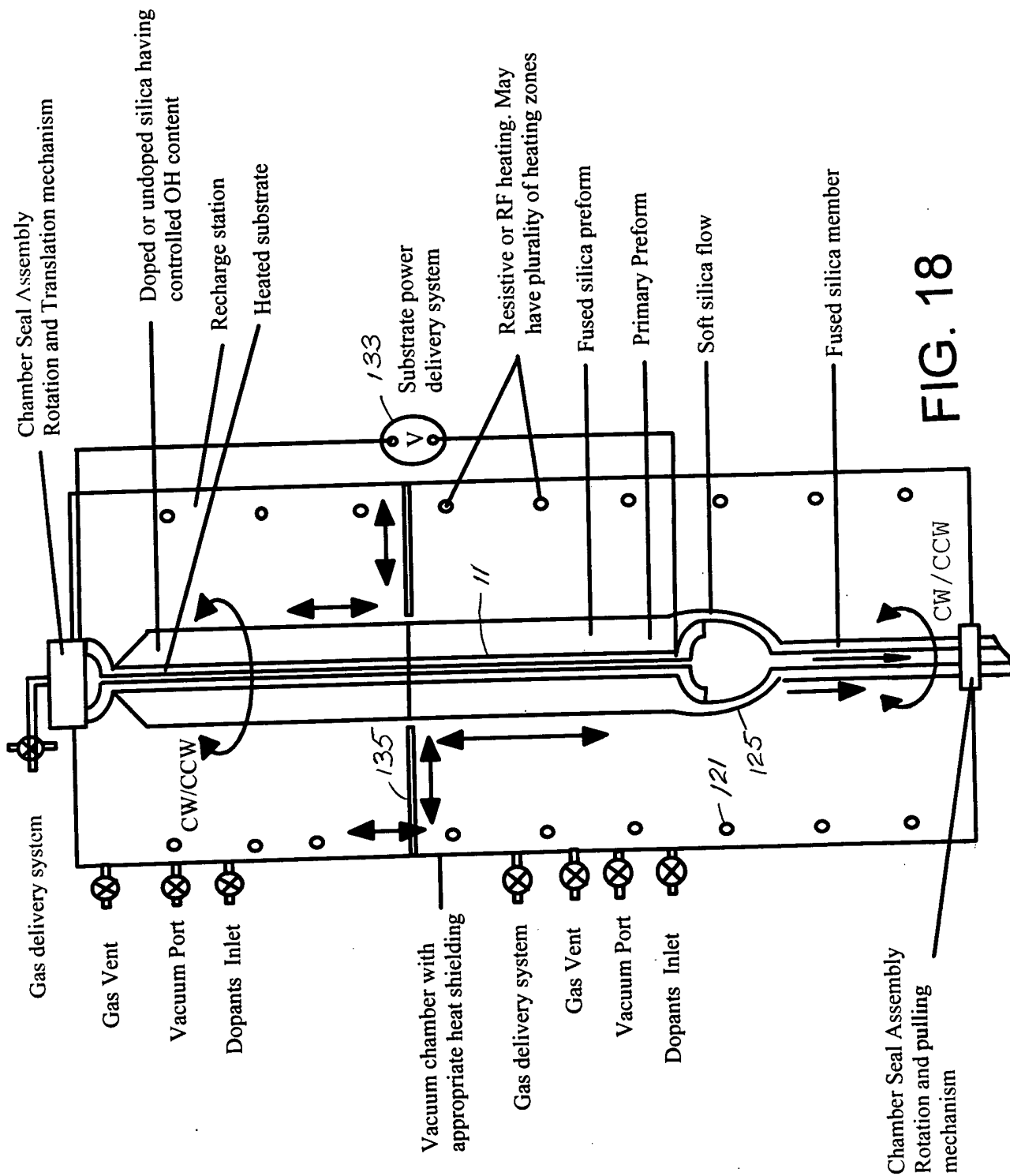


FIG. 18

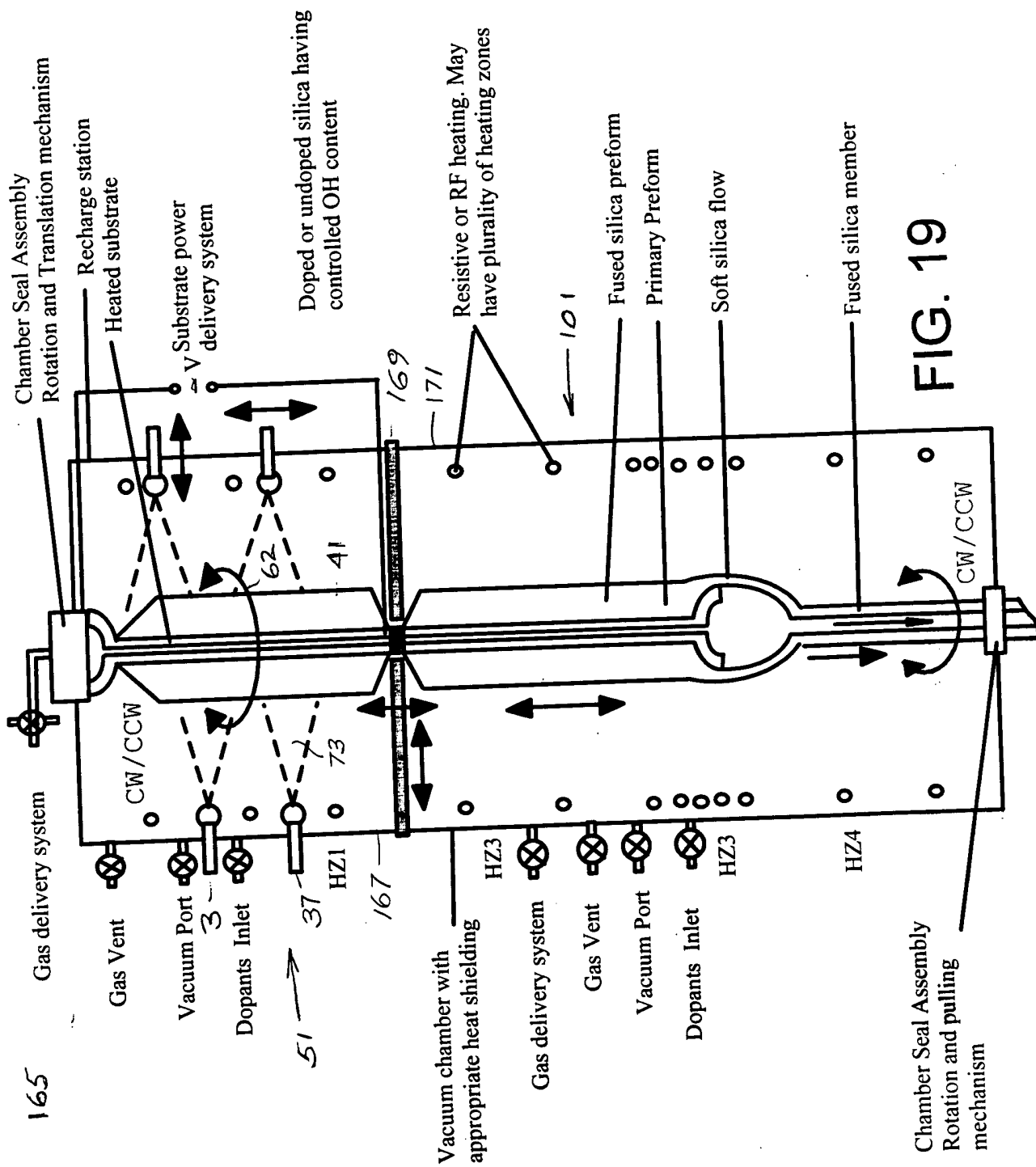


FIG. 19

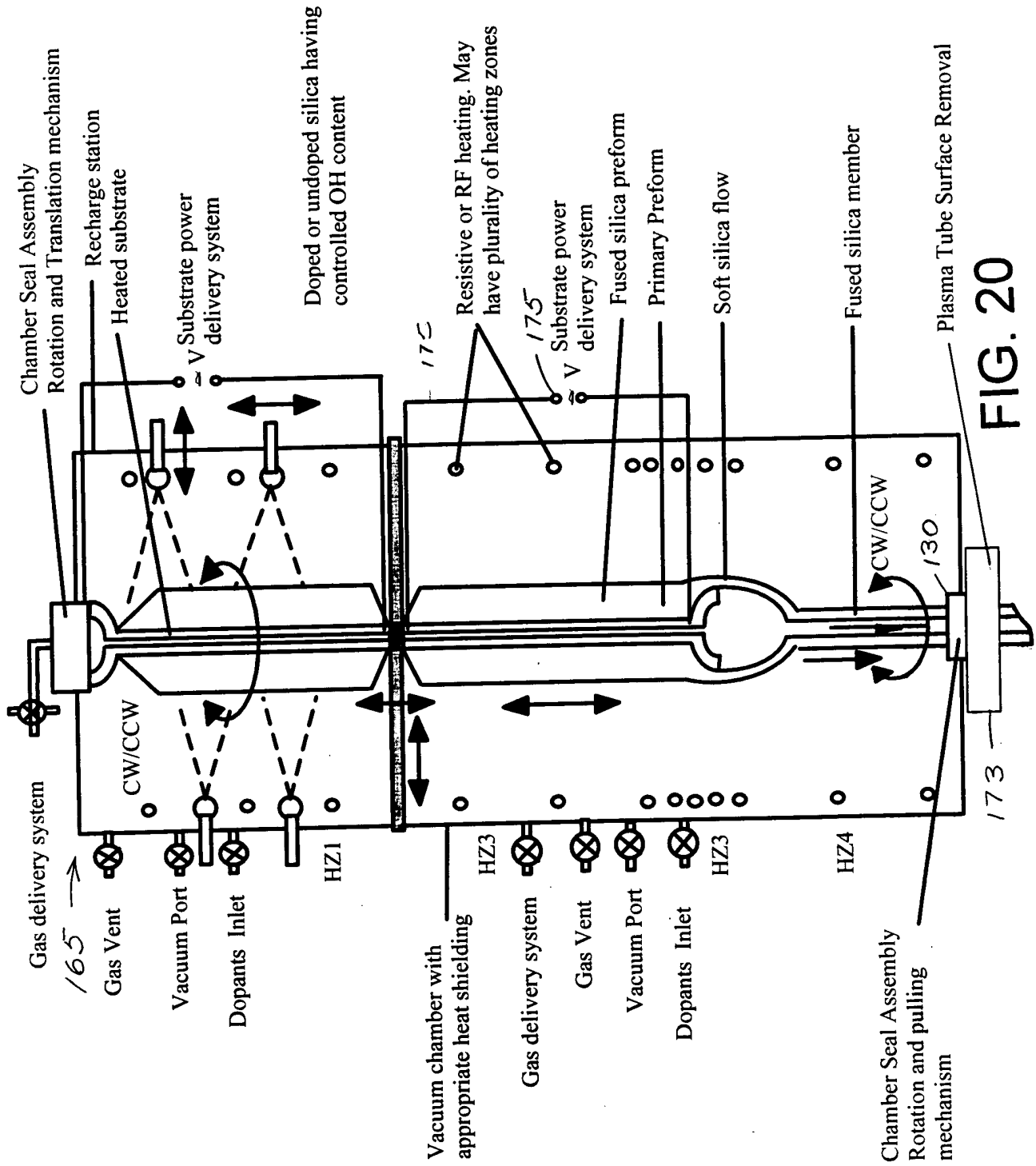
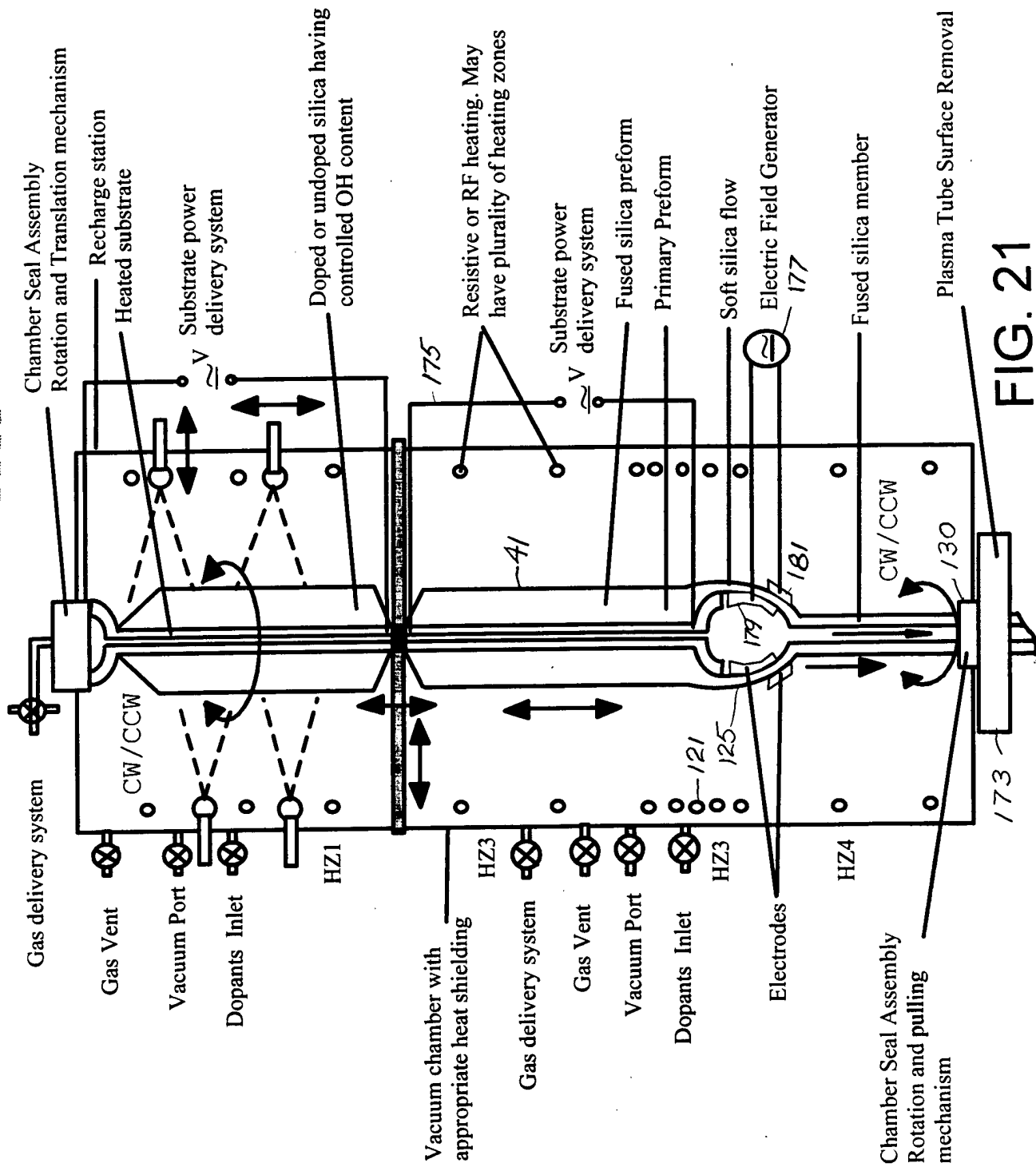
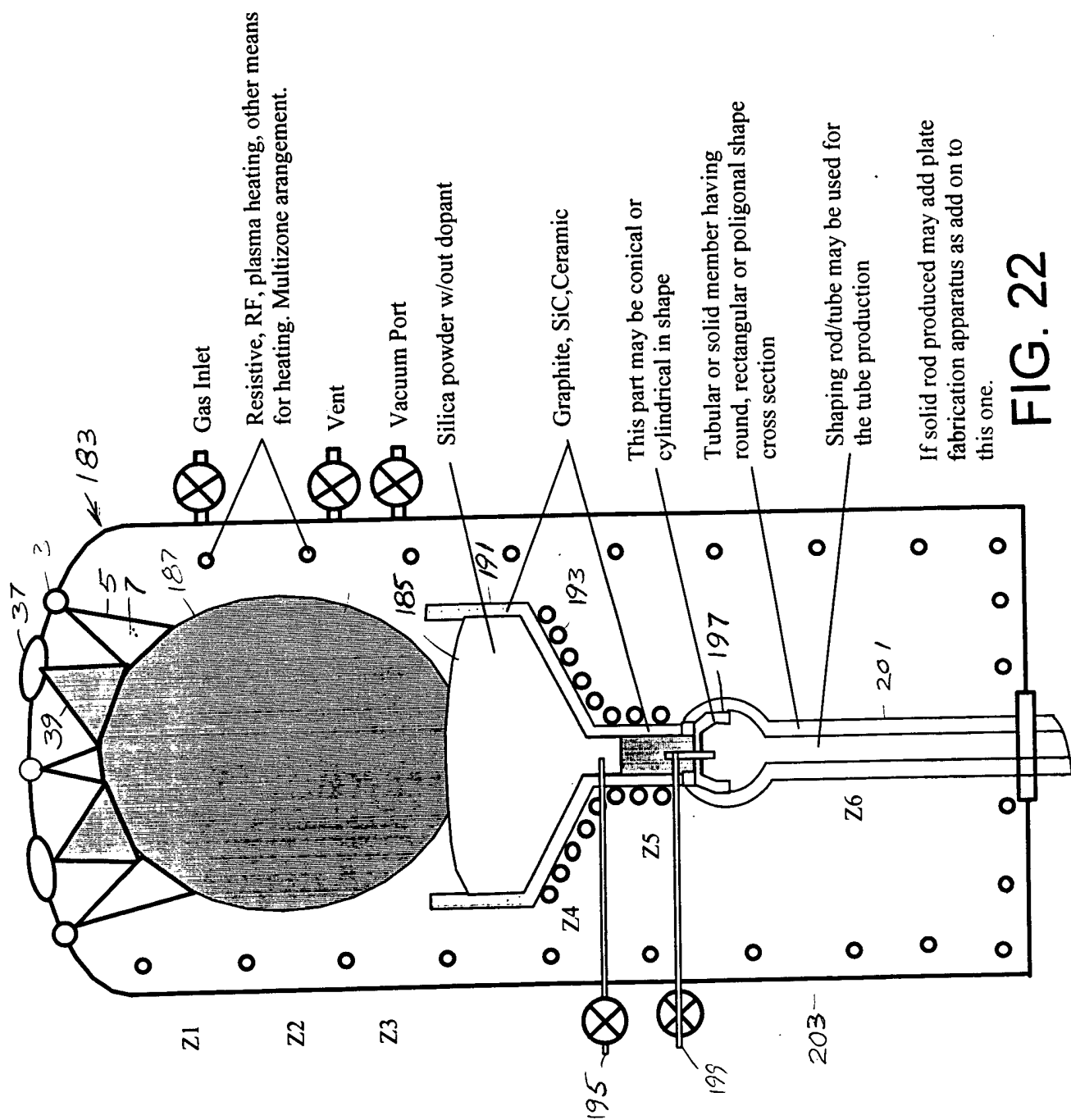


FIG. 20





If solid rod produced may add plate fabrication apparatus as add on to this one.

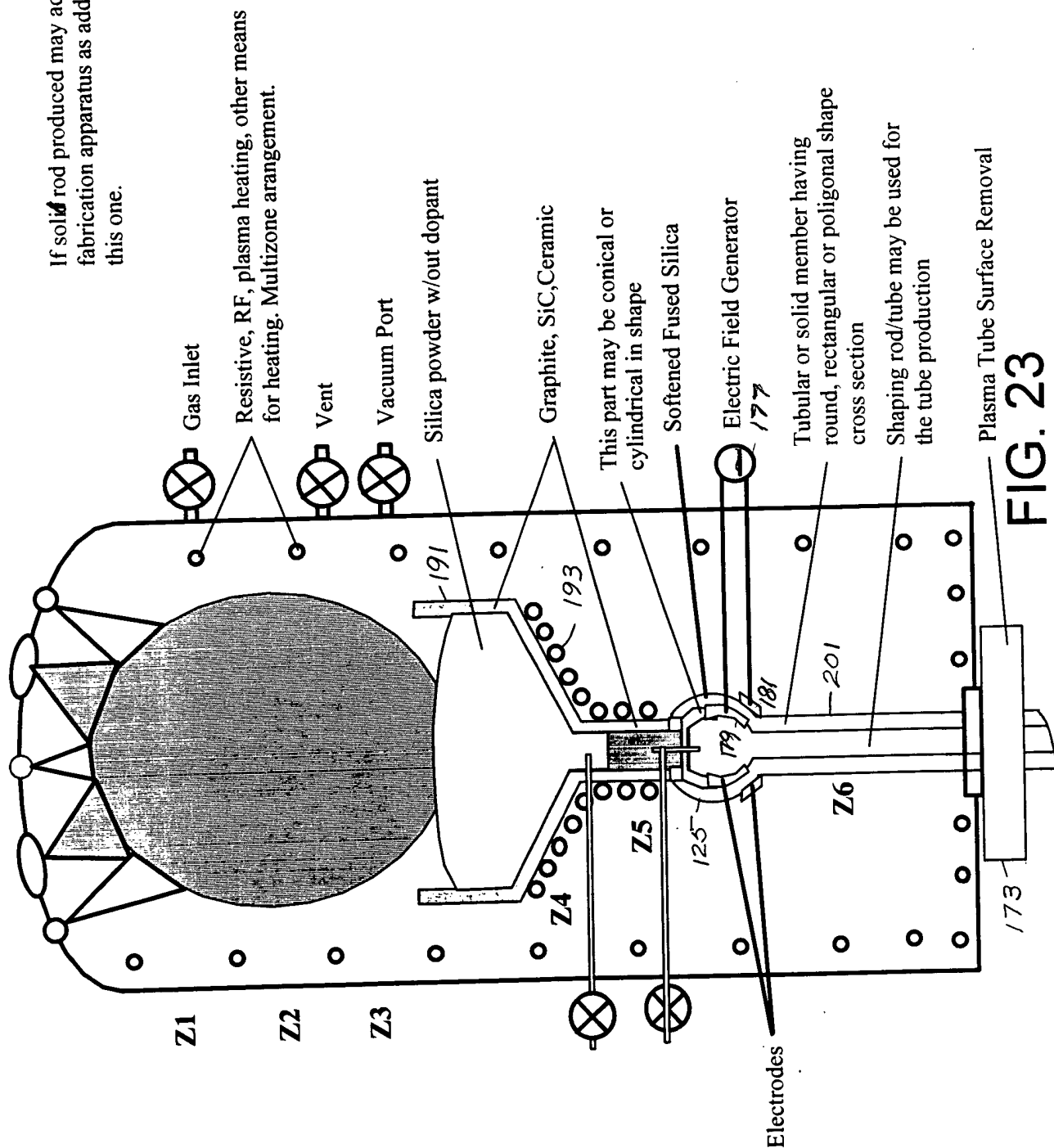


FIG. 23

If solid rod produced may add plate fabrication apparatus as add on to this one.

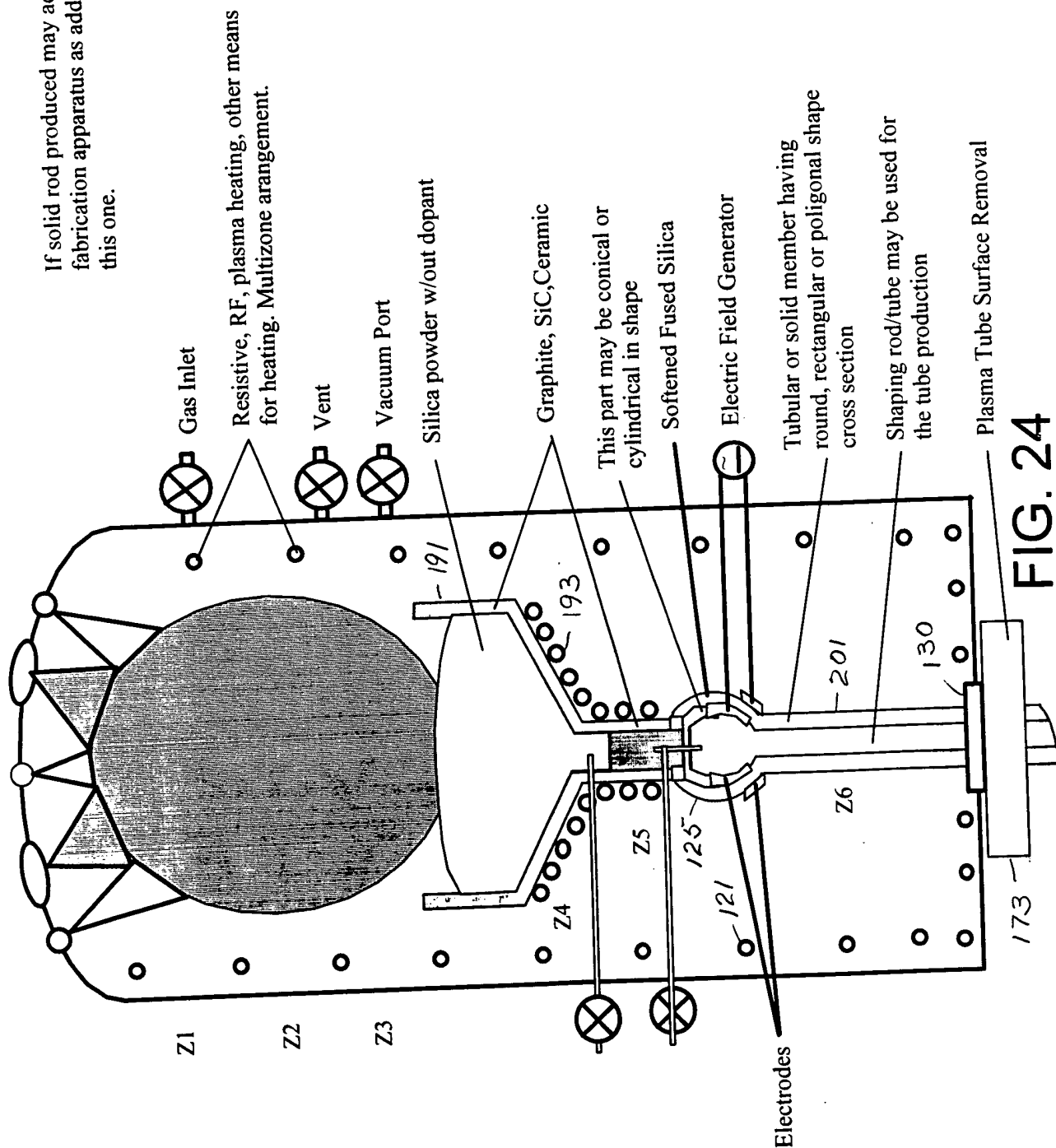


FIG. 24

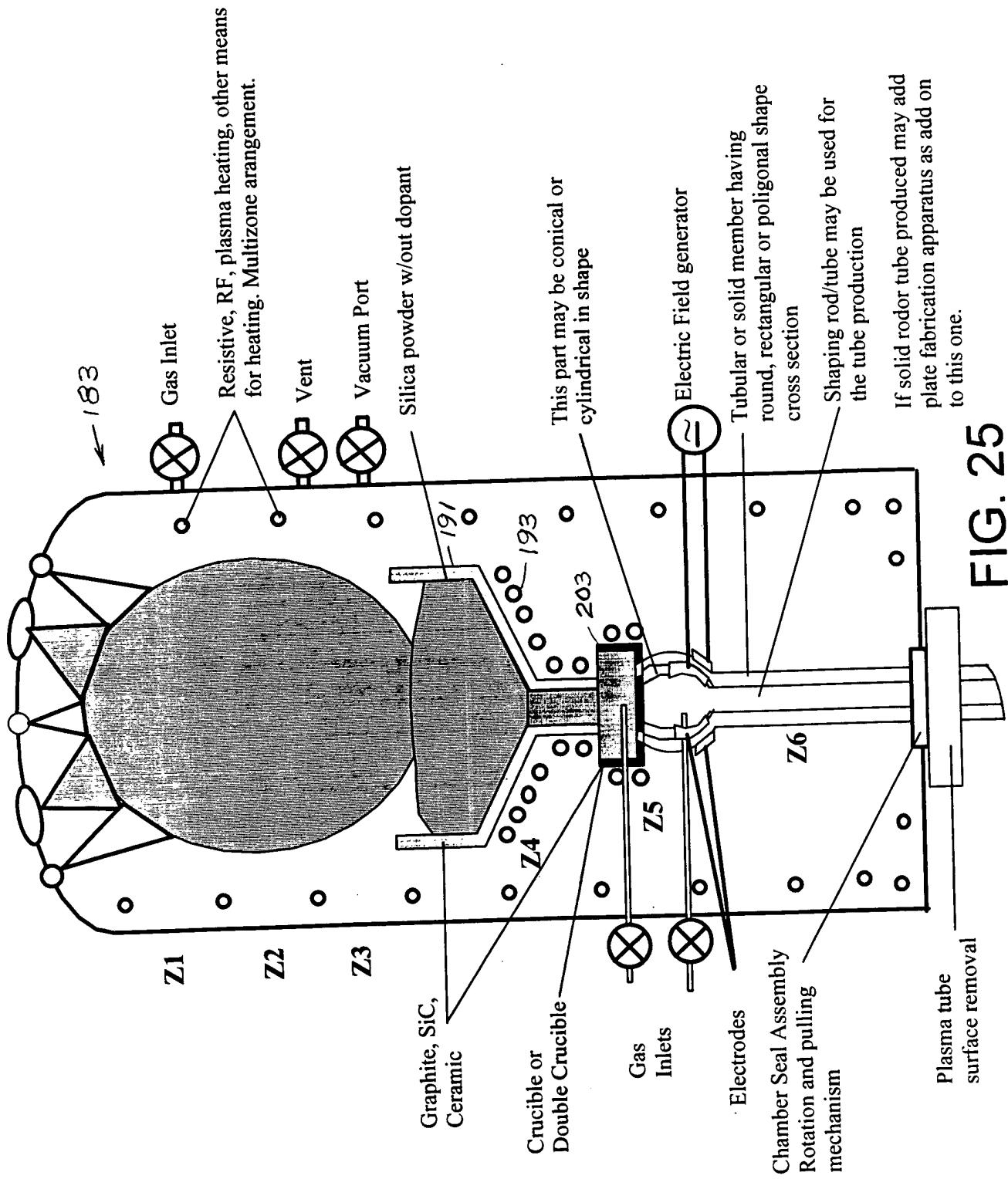


FIG. 25